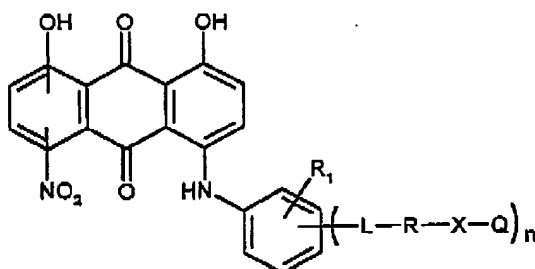


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## Presently Pending Claims

1. (Original) An anthraquinone colorant having the structure in Formula I:



I

wherein

L represents a covalent carbon-carbon bond or a linking group selected from the group consisting of -O-, -S-, -SO<sub>2</sub>-, -CON(R<sub>2</sub>)-, -N(COR<sub>3</sub>)-, -N(R<sub>2</sub>)CO-, and -N(SO<sub>2</sub>R<sub>3</sub>)-;

R is a divalent organic radical selected from the group consisting of C<sub>1</sub>-C<sub>6</sub>-alkylene; C<sub>1</sub>-C<sub>6</sub>-alkylene-Y-CH<sub>2</sub>CH<sub>2</sub>-; and {CH<sub>2</sub>CH<sub>2</sub>}<sub>m</sub>-Y-CH<sub>2</sub>CH<sub>2</sub>-;

R<sub>1</sub> is hydrogen or represents one or two groups selected from the group consisting of C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy and halogen.

R<sub>2</sub> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkyl or aryl;

R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkyl or aryl;

X is -O- or -N(R<sub>2</sub>)-;

Y is -O-, -S-, -SO<sub>2</sub>-, -N(SO<sub>2</sub>R<sub>3</sub>)-, or -N(COR<sub>3</sub>)-;

n is 1 or 2;

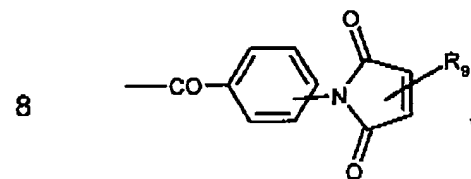
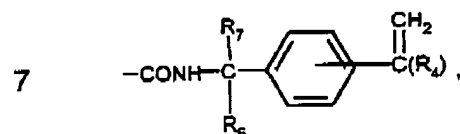
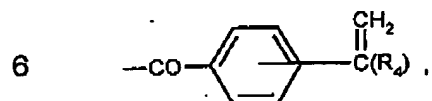
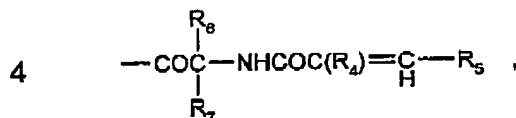
m is 2 or 3; and

Q is an ethylenically-unsaturated photopolymerizable or free radical polymerizable group.

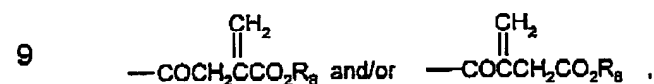
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2. (Original) A colorant according to claim 1 wherein Q is



or



wherein:

$\text{R}_4$  is hydrogen or  $\text{C}_1-\text{C}_6\text{-alkyl}$ ;

$\text{R}_5$  is hydrogen;  $\text{C}_1-\text{C}_6\text{ alkyl}$ ; phenyl; phenyl substituted with one or more groups selected from the group consisting of  $\text{C}_1-\text{C}_6\text{-alkyl}$ ,  $\text{C}_1-\text{C}_6\text{-alkoxy}$ ,  $-\text{N}(\text{C}_1-\text{C}_6\text{-alkyl})_2$ , nitro, cyano,  $\text{C}_1-\text{C}_6\text{-alkoxycarbonyl}$ ,  $\text{C}_1-\text{C}_6\text{-alkanoyloxy}$  and halogen; 1- or 2-naphthyl; 1- or 2-naphthyl substituted with  $\text{C}_1-\text{C}_6\text{-alkyl}$  or  $\text{C}_1-\text{C}_6\text{-alkoxy}$ ; 2- or 3-thienyl; 2- or 3-thienyl substituted with  $\text{C}_1-\text{C}_6\text{-alkyl}$  or halogen; 2- or 3-furyl; or 2- or 3-furyl substituted with  $\text{C}_1-\text{C}_6\text{-alkyl}$ ;

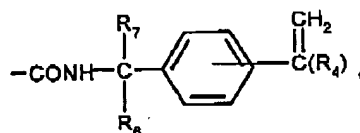
$\text{R}_6$  and  $\text{R}_7$  are, independently, hydrogen,  $\text{C}_1-\text{C}_6\text{-alkyl}$ , or aryl; or  $\text{R}_6$  and  $\text{R}_7$  may be combined to represent a  $-(\text{CH}_2)_{3-5}$  radical;

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$R_3$  is hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_8$ -alkenyl,  $C_3$ - $C_8$ -cycloalkyl or aryl; and  
 $R_8$  is hydrogen,  $C_1$ - $C_6$ -alkyl or aryl.

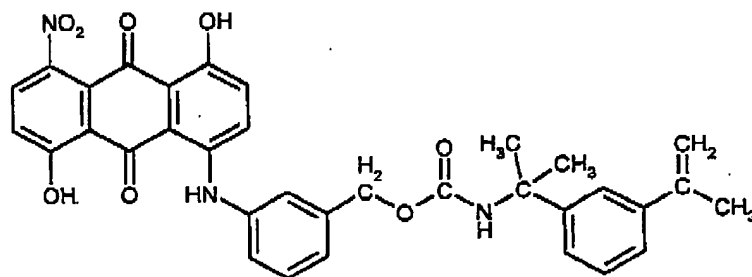
3. (Original) A colorant according to claim 2, wherein R is  $C_1$ - $C_4$ -alkylene,  $R_1$  is hydrogen, L is -O- or a covalent bond, X is -O-, and Q is



wherein  $R_4$  is hydrogen or methyl,  $R_6$  and  $R_7$  are methyl, and n is 1.

4. (Original) A colorant according to claim 2, wherein R is  $C_1$ - $C_4$ -alkylene,  $R_1$  is hydrogen, L is -O- or a covalent bond, X is -O-, and Q is  $-\text{COC}(\text{R}_4)=\text{CH}-\text{R}_5$ , wherein  $R_4$  is hydrogen or methyl,  $R_5$  is hydrogen, and n is 1.

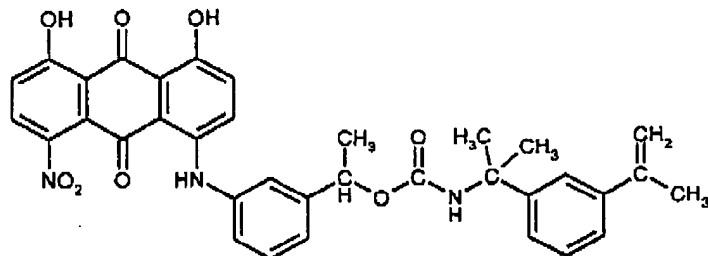
5. (Original) A colorant according to claim 1 having the structure



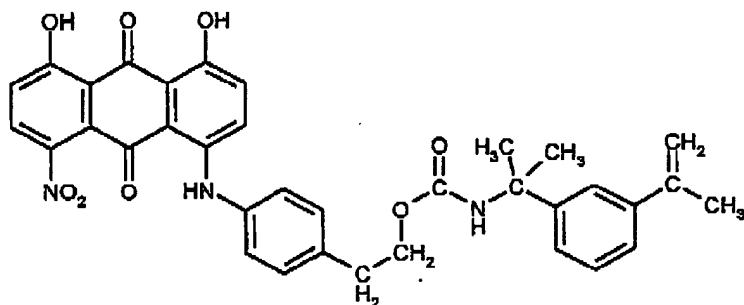
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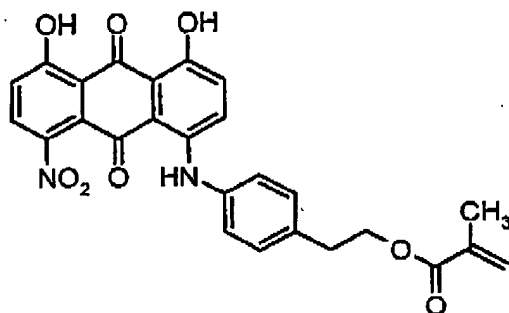
6. (Original) A colorant according to claim 1 having the structure



7. (Original) A colorant according to claim 1 having the structure



8. (Original) A colorant according to claim 1 having the structure



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Claims 9. – 14. (Previously Canceled)

15. (Original) A colorant concentrate comprising a solvent and a colorant according to Claim 1 at a concentration of about 0.5 to about 40 wt%.

16. (Original) A colorant concentrate according to claim 15 wherein the solvent is toluene, methylethyl ketone, acetone, hexanediol diacrylate, tri(propyleneglycol) diacrylate or a mixture thereof and the colorant is present at a concentration of about 10 to about 30 wt%.

17. (Original) A colorant concentrate according to claim 16 further comprising one or more ultraviolet light absorbing compounds at a concentration of from about 0.1 to about 30 wt %.

18. (Original) A colorant concentrate according to claim 16 further comprising one or more antioxidants at a concentration of about 0.01 to about 5 wt %.